Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036514.D
Acq On : 26 Feb 2025 17:20
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 26 17:47:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	2419	0.400	ng		-0.01
7) Naphthalene-d8	10.530	136	5911	0.400	ng		-0.01
13) Acenaphthene-d10	14.377	164	4026	0.400	ng		-0.01
19) Phenanthrene-d10	17.124	188	7872	0.400	ng		-0.01
29) Chrysene-d12	21.313	240	5200	0.400	ng		0.00
35) Perylene-d12	23.581	264	4873	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	2103	0.368	ng		-0.01
5) Phenol-d6	6.915	99	2393	0.357	ng		-0.02
8) Nitrobenzene-d5	8.896	82	2340	0.401	ng		-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3493	0.384	ng		-0.02
14) 2,4,6-Tribromophenol	15.870	330	646	0.324	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	6709	0.443	ng		-0.01
27) Fluoranthene-d10	19.159	212	7665	0.350	ng		0.00
31) Terphenyl-d14	19.763	244	4873	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1065	0.402	ng	#	93
3) n-Nitrosodimethylamine	3.571	42	1968	0.428	ng	#	92
6) bis(2-Chloroethyl)ether	7.168	93	2797	0.399	ng		98
9) Naphthalene	10.583	128	6691	0.392	ng		99
10) Hexachlorobutadiene	10.872	225	1663	0.401	ng	#	98
12) 2-Methylnaphthalene	12.197	142	4411	0.394	ng		98
16) Acenaphthylene	14.099	152	6958	0.391	ng		99
17) Acenaphthene	14.441	154	4551	0.383	ng		99
18) Fluorene	15.424	166	6233	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	460	0.298	ng		89
21) 4-Bromophenyl-phenylether	16.329	248	1910	0.407	ng	#	77
22) Hexachlorobenzene	16.441	284	2423	0.418	ng		97
23) Atrazine	16.602	200	1468	0.374	ng		97
24) Pentachlorophenol	16.788	266	905	0.329	ng		99
25) Phenanthrene	17.161	178	8907	0.391	ng		100
26) Anthracene	17.260	178	7860	0.392	ng		99
28) Fluoranthene	19.187	202	9979	0.357	ng		99
30) Pyrene	19.554	202	10060	0.502	ng		100
32) Benzo(a)anthracene	21.304	228	6902	0.403	ng		100
33) Chrysene	21.348	228	7654	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5377	0.504	ng		99
36) Indeno(1,2,3-cd)pyrene	25.876	276	6718	0.394	ng		99
37) Benzo(b)fluoranthene	22.896	252	6886m	0.429	ng		
38) Benzo(k)fluoranthene	22.943	252	7096	0.430	ng		97
39) Benzo(a)pyrene	23.481	252	5929	0.423	ng	#	84
40) Dibenzo(a,h)anthracene	25.893	278	5024	0.374	ng		96
41) Benzo(g,h,i)perylene	26.574	276	6064	0.398	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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